

ABSTRACT OF THE DISCLOSURE

An apparatus and method for hydroenhancing fabrics
5 is described. The method uses the force of pressurized
liquid passing through elongated orifices and impinging
on the fabric. The pressurized liquid exits in a
coherent or columnar fashion from elongated orifices that
are generally rectangular or linear in shape. The
10 elongated orifices can be arranged so as to produce
various effects on a web of fabric, including striping,
graduated shading and seer-suckering. The elongated
orifices also facilitate the hydroenhancement of high-
warp-count fabrics without streak or moire effects.
15 Liquid filtration can be relaxed without clogging the
orifices, because the elongated orifices permit larger
solid objects to pass. The use of elongated orifices
also enhances the energy efficiency of the
hydroenhancement process.